



# Inspiron 14



**Views**

**Specifications**

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2014 - 03 Rev. A00

Regulatory model: P49G | Type: P49G001

Computer model: Inspiron 5447

**NOTE:** The images in this document may differ from your computer depending on the configuration you ordered.



Front



Left



Right



Base



Display

## Front



### 1 Power and battery-status light

Indicates the power state and battery state of the computer.

White light — Power adapter is connected and the battery is being charged.

Amber — Battery charge is low or critical.

### 2 Hard-drive activity light

Turns on when the computer reads from or writes to the hard drive.



Front



Left



Right



Base



Display

## Left



**1 Security-cable slot**

Connect a security cable to prevent unauthorized movement of your computer.

**2 Power-adaptor port**

Connect a power adapter to provide power to your computer and charge the battery.

**3 USB 2.0 port**

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 480 Mbps.

**4 Media-card reader**

Reads from and writes to media cards.



Front



Left



Right

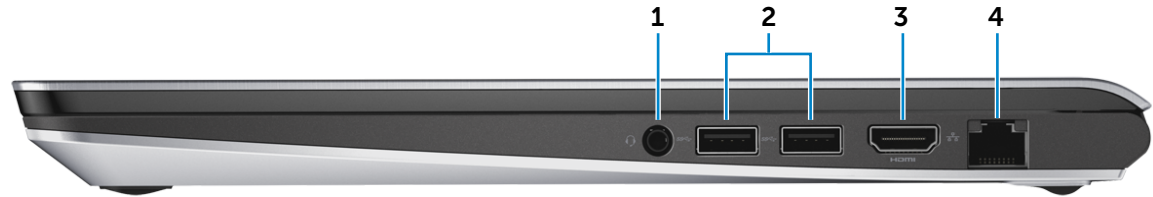


Base



Display

## Right



### 1 Headset port

Connect a headphone, a microphone, or a headphone and microphone combo (headset).

### 2 USB 3.0 ports (2)

Connect peripherals such as storage devices, printers, and so on. Provides data transfer speeds up to 5 Gbps.

### 3 HDMI port

Connect a TV or another HDMI-in enabled device. Provides video and audio output.

### 4 Network port

Connect an Ethernet (RJ45) cable from a router or a broadband modem for network or internet access.



Front



Left



Right

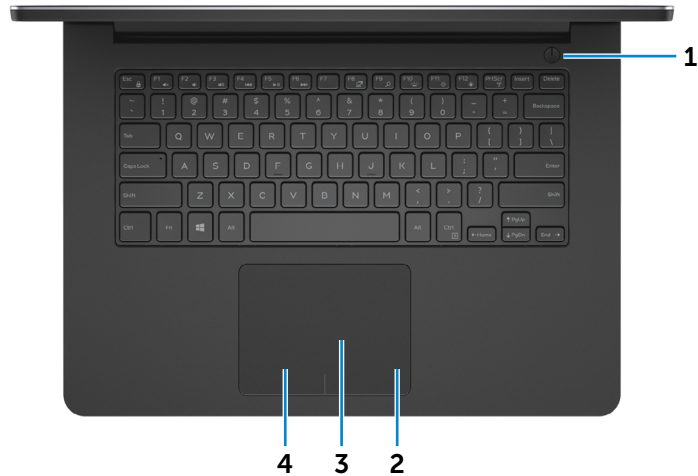


Base



Display

## Base



### 1 Power button

Press to turn on the computer if it is turned off or in Sleep state.

Press to put the computer in Sleep state if it is turned on.  
Press and hold for 10 seconds to force shut-down the computer.

**NOTE:** You can customize the power-button behaviour in Power Options. For more information, see *Me and My Dell* at [dell.com/support](http://dell.com/support).

### 2 Right-click area

Press to right click.

### 3 Touchpad

Move your finger on the touchpad to move the mouse pointer. Tap to left-click.

### 4 Left-click area

Press to left click.



Front



Left



Right

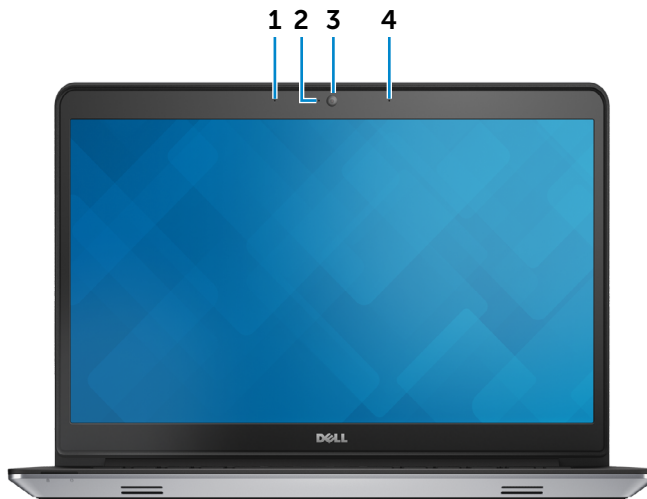


Base



Display

## Display



### 1 Left microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.

### 2 Camera-status light

Turns on when the camera is in use.

### 3 Camera

Allows you to video chat, capture photos, and record videos.

### 4 Right microphone

Provides high-quality digital sound input for audio recording, voice calls, and so on.



# Specifications

## Dimensions and Weight

### Height:

Touch	22 mm (0.87 in)
Non-touch	21.60 mm (0.85 in)

Width 342 mm (13.46 in)

Depth 246 mm (9.69 in)

### Weight:

Touch	2.05 kg (4.52 lb)
Non-touch	1.93 kg (4.25 lb)

**NOTE:** The weight of your laptop varies depending on the configuration ordered and the manufacturing variability.



Dimensions and  
Weight



System  
Information



Memory



Ports and  
Connectors



Communications



Video



Audio



Storage



Media-card  
reader



Display



Keyboard



Camera



Touchpad



Battery



Power Adapter



Computer  
Environment



# Specifications

## System Information

Computer model	Inspiron 5447
Processor	<ul style="list-style-type: none"><li>4<sup>th</sup> Generation Intel Core i3 ULV</li><li>4<sup>th</sup> Generation Intel Core i5 ULV</li><li>4<sup>th</sup> Generation Intel Core i7 ULV</li></ul>
L3 cache	4 MB
Chipset	Integrated in processor



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# Specifications

## Memory

Slots	Two SODIMM slots
Type	Dual-channel DDR3L
Speed	1600 MHz
Configurations supported	4 GB, 6 GB, 8 GB, 12 GB, and 16 GB



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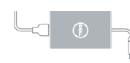
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# Specifications

## Ports and Connectors

### External:

Network	One RJ45 port
USB	<ul style="list-style-type: none"><li>• One USB 2.0 port</li><li>• Two USB 3.0 ports</li></ul>
Audio/Video	<ul style="list-style-type: none"><li>• One HDMI port</li><li>• One headphone and microphone combo (headset) port</li></ul>

### Internal:

M.2 Card	One M.2-2230 slot for Wi-Fi and Bluetooth combo card
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# Specifications

## Communications

Ethernet

10/100 Mbps Ethernet controller integrated on system board

Wireless

- Wi-Fi 802.11 b/g/n/ac
- WiDi (Wireless Display)
- Bluetooth 4.0



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# Specifications

## Video


Controller:	
Integrated	Intel HD Graphics 4400
Discrete	AMD Radeon R7 M265
Memory:	
Integrated	Shared system memory
Discrete	2 GB DDR3




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# Specifications

## Audio


Controller	Realtek ALC3234CG with Waves MaxxAudio
Speakers	Two
Output:	
Average	2 watt
Peak	2.5 watt
Microphone	Digital array-microphones
Volume controls	Media-control shortcut keys



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## Storage


Interface	SATA 6 Gbps
Hard drive	One 2.5-inch drive (supports Intel Smart Response Technology)




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# Specifications

## Media-card reader

Type	One 5-in-1 slot
Cards supported	<ul style="list-style-type: none"><li>• SD card</li><li>• SD High-Capacity (SDHC) card</li><li>• SD Extended Capacity (SDXC) card with Ultra High Speed (UHS)</li><li>• Memory Stick (MS)</li><li>• Memory Stick PRO (MS PRO)</li></ul>





# Specifications

## Display

Type	<ul style="list-style-type: none"><li>• 14.0-inch HD</li><li>• 14.0-inch HD touchscreen</li></ul>
Resolution (maximum)	1366 x 768
Dimensions:	
Height	173.95 mm (6.85 in)
Width	309.40 mm (12.18 in)
Diagonal	355.60 mm (14 in)
Refresh rate	60 Hz
Operating angle	0 degrees (closed) to 135 degrees
Pixel pitch	0.2265 mm
Controls	Brightness can be controlled using shortcut keys.



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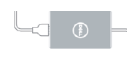
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# Specifications

## Keyboard

### Type

- Standard keyboard
- Backlit keyboard — optional

### Shortcut keys

Some keys on your keyboard have two symbols on them. These keys can be used to type alternate characters or to perform secondary functions. To type the alternate character, press Shift and the desired key. To perform secondary functions, press Fn and the desired key.

**NOTE:** You can define the primary behavior of the shortcut keys by changing **Function Key Behavior** in System Setup.



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## Camera


Resolution:	
Still image	0.92 megapixel
Video	1280 x 720 (HD) at 30 fps
Diagonal viewing angle	74 degrees




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## Touchpad


Resolution:	
Horizontal	1260 dpi
Vertical	1207 dpi
Dimensions:	
Width	105 mm (4.13 in)
Height	80 mm (3.15 in)




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# Specifications

## Battery

Type	<ul style="list-style-type: none"><li>3 cell "smart" lithium ion (43.50 WHr)</li><li>4 cell "smart" lithium ion (58 WHr)</li></ul>	
	<b>3 cell</b>	<b>4 cell</b>
Dimensions:		
Width	208.25 mm (8.20 in)	
Depth	124.70 mm (4.91 in)	
Height	7.80 mm (0.31 in)	
Weight (maximum)	0.28 kg (0.62 lb)	0.35 kg (0.77 lb)
Voltage	11.10 VDC	7.40 VDC
Operating time	Varies depending on operating conditions and can significantly reduce under certain power-intensive conditions.	
Life span (approximate)	300 discharge/charge cycles	
Temperature range:		
Operating	0°C to 35°C (32°F to 95°F)	
Storage	-40°C to 65°C (-40°F to 149°F)	
Coin-cell battery	CR-2032	



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# Specifications

## Power Adapter

Type	65 W
Input voltage	100 VAC–240 VAC
Input frequency	50 Hz–60 Hz
Input current (maximum)	1.50 A
Output current (continuous)	3.34 A
Rated output voltage	19.50 VDC
Temperature range:	
Operating	0°C to 40°C (32°F to 104°F)
Storage	–40°C to 70°C (–40°F to 158°F)



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## Computer Environment

Airborne contaminant level	G1 as defined by ISA-S71.04-1985	
	Operating	Storage
Temperature range	0°C to 35°C (32°F to 95°F)	−40°C to 65°C (−40°F to 149°F)
Relative humidity (maximum)	10% to 90% (non-condensing)	0% to 95% (non-condensing)
Vibration (maximum)*	0.66 GRMS	1.30 GRMS
Shock (maximum)	110 G†	160 G‡
Altitude (maximum)	−15.2 m to 3048 m (−50 ft to 10,000 ft)	−15.2 m to 10,668 m (−50 ft to 35,000 ft)

\* Measured using a random vibration spectrum that simulates user environment

† Measured using a 2 ms half-sine pulse when the hard drive is in use.

‡ Measured using a 2 ms half-sine pulse when the hard-drive head is in parked position.



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